

In the Claims:

Please amend the claims as set forth in the following Listing of the Claims.

LISTING OF THE CLAIMS

1. (Currently Amended) [[A]] An adsorbent composition comprising:

from 30 % by weight to 80 % by weight amorphous polyalphaolefin polymer; and

from about 20% by weight to about 70 % by weight adsorbent selected from the group consisting of moisture adsorbents, volatile organic adsorbents, and combinations thereof,

said composition being essentially free of a film forming agent selected from the group consisting of butyl rubber, polyisobutylene and combinations thereof,  
wherein said composition adsorbs at least one of moisture and volatile organic species from an atmosphere to which it is exposed.

2.(Currently Amended) The composition of claim 1, wherein said polyalphaolefin polymer comprises a polymer derived from comprising monomers selected from the group consisting of ethylene, propylene, butene, pentene, hexene, octene, decene, isoprene, terpene, vinyl acetate, styrene, butadiene, and combinations thereof.

3. (Original) The composition of claim 1, wherein said composition exhibits a melt flow time of no greater than 60 seconds at 190°C.

4. (Original) The composition of claim 1, wherein said composition exhibits a melt flow time of no greater than 15 seconds at 190°C.

5. (Original) The composition of claim 1, wherein said composition exhibits a melt flow time of less than 5 seconds at 190°C.

6. (Original) The composition of claim 1, wherein said composition comprises from about 40 % by weight to about 70 % by weight adsorbent.

7. (Original) The composition of claim 1, wherein said adsorbent comprises an adsorbent capable of adsorbing organic species.

8. (Original) The composition of claim 1, wherein said composition, when applied to a substrate and subjected to 88°C for one month, is essentially free from sag.

9. (Original) The composition of claim 1, wherein said composition passes the ASTM E1887 fog test.

10. (Original) An insulating glass assembly comprising:  
a first glass substrate;  
a second glass substrate;  
a separator disposed between said first glass substrate and said second glass substrate; and  
the composition of claim 1 in contact with said separator.

11. (Original) The assembly of claim 10, wherein said composition exhibits a melt flow time of less than 5 seconds at 190°C.

12. (Currently Amended) [[A]] An Absorbent composition consisting essentially of:

from 30 % by weight to 80 % by weight amorphous polyalphaolefin polymer;  
from about 20 % by weight to about 70 % by weight of an adsorbent selected from the group consisting of moisture adsorbents, volatile organic adsorbents, and combinations thereof;  
from 0 to 10% by weight tackifying resin; and  
from 0 to 5% by weight antioxidant,

wherein said composition absorbs at least one of moisture and volatile organic species from an atmosphere to which it is exposed.

13. (Original) The composition of claim 12 consisting essentially of said polyalphaolefin polymer and said adsorbent.

Please add the following new claims.

14. (New) An adsorbent composition comprising:

amorphous polyalphaolefin polymer; and

from about 20 % by weight to about 70 % by weight adsorbent selected from the group consisting of moisture adsorbents, volatile organic adsorbents, and combinations thereof,

said composition being essentially free of a film forming agent selected from the group consisting of butyl rubber, polyisobutylene and combinations thereof,

wherein said composition adsorbs at least one of moisture and volatile organic species from an atmosphere to which it is exposed.

15. (New) An insulating glass assembly comprising:

a first glass substrate;

a second glass substrate;

a separator disposed between said first glass substrate and said second glass substrate; and

an adsorbent composition in contact with said separator, the composition comprising

from 30 % by weight to 80 % by weight amorphous polyalphaolefin polymer, and

from about 20 % by weight to about 70 % by weight adsorbent the composition being essentially free of a film forming agent selected from the group consisting of butyl rubber, polyisobutylene and combinations thereof.

16. (New) The insulating glass assembly of claim 15, wherein said composition comprises from 30 % by weight to 80 % by weight said amorphous polyalphaolefin polymer, said polyalphaolefin polymer comprising a polymer derived from monomers selected from the group consisting of ethylene, propylene, butene, pentene, hexene, octene, decene, and combinations thereof.

17. (New) The adsorbent composition of claim 12 consisting of:

from 30 % by weight to 80 % by weight said amorphous polyalphaolefin polymer;

from about 20 % by weight to about 70 % by weight said adsorbent selected from the group consisting of moisture adsorbents, volatile organic adsorbents, and combinations thereof;

from 0 to 10 % by weight said tackifying resin; and

from 0 to 5 % by weight said antioxidant.

18.(New) The adsorbent composition of claim 1, wherein said adsorbent comprises at least one of chabasite, gumerinite, levynite, erinite, mordenite and analcite.

19.(New) The adsorbent composition of claim 1, wherein said adsorbent comprises an alkali metal alumino-silicate.

20.(New) The adsorbent composition of claim 1, wherein said adsorbent comprises at least one of calcium alumino-silicate, potassium alumino-silicate and sodium alumino-silicate.